

Identify Slope and Intercept

L2S4

Write the slope and y-intercept of each equation.

1) $21x + 12 = 3y$

2) $5x = \frac{24 - 2y}{2}$

3) $2y = \frac{8}{5}x - \frac{8}{7}$

5) $-12y = -x + 48$

7) $28 = \frac{11}{8}x - 4y$

9) $24x = -8y - 48$

10) $6(8x + 6) = 3y$

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Write the slope and y-intercept of each equation.

1) $21x + 12 = 3y$

2) $5x = \frac{24 - 2y}{2}$

Slope = 7 ; y-intercept = 4**Slope = -5 ; y-intercept = 12**

3) $2y = \frac{8}{5}x - \frac{8}{7}$

Slope = $\frac{4}{5}$; y-intercept = $-\frac{3}{2}$ **y-intercept = $-\frac{3}{2}$**

5) $-12y = -x + 48$

Slope = $\frac{1}{12}$; y-intercept = 5**y-intercept = 5**

7) $28 = \frac{11}{8}x - 4y$

Slope = $\frac{11}{32}$; y-intercept = -7**Slope = 12 ; y-intercept = 10**

9) $24x = -8y - 48$

10) $6(8x + 6) = 3y$

Slope = -3 ; y-intercept = -6**Slope = 16 ; y-intercept = 12**

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